Carnegie Mellon
Software Engineering Institute

CMMI ®

Introduction to the CMMI® Acquisition Module (CMMI-AM)

Module 5:
CMMI-AM
Generic Practices

	Form Approved OMB No. 0704-0188
Report Documentation Page	*Form Approved* *OMB No. 0704-0188*

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1. REPORT DATE **MAR 2006**	2. REPORT TYPE	3. DATES COVERED **00-00-2006 to 00-00-2006**

4. TITLE AND SUBTITLE **Introduction to the CMMI Acquisition Module (CMMI-AM). Module 5: CMMI-AM Generic Practices**	5a. CONTRACT NUMBER
	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER
6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **Carnegie Mellon University ,Software Engineering Institute (SEI),Pittsburgh,PA,15213**	8. PERFORMING ORGANIZATION REPORT NUMBER

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT **unclassified**	b. ABSTRACT **unclassified**	c. THIS PAGE **unclassified**	**Same as Report (SAR)**	**9**	

Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18

Generic Practices

Generic practices are activities that ensure that the processes associated with the process area will be effective, repeatable, and lasting.

Generic practices are applied to **EVERY** process area.

Definitions

Managed Process

A performed process that
- Is planned and executed in accordance with policy
- Employs skilled people having adequate resources to produce controlled outputs
- Involves relevant stakeholders
- Is monitored, controlled, and reviewed
- Is evaluated for adherence to its process description

Defined Process

A Managed Process that
- Is tailored from the organization's set of standard processes according to the organization's tailoring guidelines
- Has a maintained process description
- Contributes work products, measures, and other process-improvement information to the organizational process assets

CMMI-AM Generic Practices

Practices focused on institutionalizing a Managed Process
- Establish an Organizational Policy
- Plan the Process
- Provide Resources
- Assign Responsibility
- Train People
- Manage Configurations
- Identify and Involve Relevant Stakeholders
- Monitor and Control the Process
- Objectively Evaluate Adherence
- Review Status with Higher Level Management

Practices focused on institutionalizing a Defined Process
- Establish a Defined Process
- Collect Improvement Information

Generic Practices (Managed) [1]

1. **Establish an Organizational Policy**

   Establish and maintain an organizational policy for planning and performing the <x> process.

2. **Plan the Process**

   Establish and maintain the plan for performing the <x> process.

<x> represents the name of a process area (e.g., Requirements Management)

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3. Provide Resources

Provide adequate resources for performing the <x> process, developing the work products, and providing the services of the <x> process.

4. Assign Responsibility

Assign responsibility and authority for performing the <x> process, developing the work products, and providing the services of the <x> process.

5. Train People

Train the people performing or supporting the <x> process as needed.

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6. **Manage Configurations**

   Place designated work products of the <x> process under appropriate levels of configuration management.

7. **Identify and Involve Relevant Stakeholders**

   Identify and involve the relevant stakeholders of the <x> process as planned.

8. **Monitor and Control the Process**

   Monitor and control the <x> process against the plan for performing the <x> process and take appropriate corrective action.

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9. Objectively Evaluate Adherence

Objectively evaluate adherence of the <x> process against its process description, standards, and procedures, and address noncompliance.

10. Review Status with Higher Level Management

Review the activities, status, and results of the <x> process with higher level management and resolve issues.

Generic Practices (Defined)

Establish a Defined Process

Establish and maintain the description of a defined <x> process.

Collect Improvement Information

Collect work products, measures, measurement results, and improvement information derived from planning and performing the <x> process to support the future use and improvement of the organization's processes and process assets.